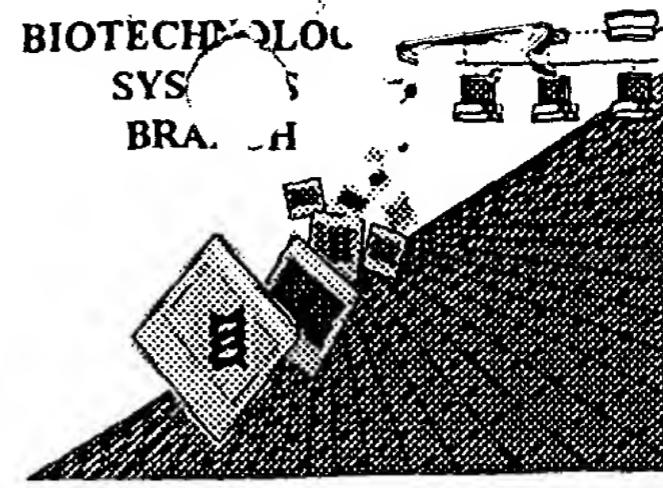


RAW SEQUENCE LISTING ERROR REPORT



The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/647,377

Source: PCT 09

Date Processed by STIC: 4-4-01

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,**
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- FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.**

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

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<http://www.uspto.gov/web/offices/pac/checker>

PCT

RAW SEQUENCE LISTING
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DATE: 04/04/2001
TIME: 11:37:32

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7 <130> FILE REFERENCE: 0147-0211P
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C--> 10 <141> CURRENT FILING DATE: 2000-09-27
12 <150> PRIOR APPLICATION NUMBER: DE 198 13 799.0
13 <151> PRIOR FILING DATE: 1998-03-27
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Does Not Comply
Corrected Diskette Needed

pp. 1, 6

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 10293 aagccacccc ctctcttaggt gttcctgagg ctcttgcacc agctgtcgatg gatgcacgtt 9480
 10294 cgcccgctgg cccggcagc tgtgcaggac acccagtc acccgtacagaa tggctccctcg 9540
 10295 ggatggtcga tcacaactgg ggaggagggtg gcccctgc tgccctgc tgaactccctc 9600
 10296 ttccagcagt ggcagcggca agggctgggtg gccggcagcgc tggagaagct aggtgagaca 9660
 10297 caccagggtgt gcctggggac agtcctccccc tgggacccca gctggggagc caggcacagc 9720
 10298 agatgagtgc tggagaagtg cccaggtcag ggagagagga gctgggtcc ctaaggagag 9780
 10299 gccatcttct ctgcctgttt ctccctcatt ctactccaa accttaccct ttctctttat 9840
 10300 cagagaaagg cccggagttt gggctgagcc agttctgtgg cagcctgaag caggctgcc 9900
 10301 cagccatcca ggcctgtgtt gaaggctgc acctcattgc ctgtgcggg caccagcaga 9960
 10302 gtcactttga caatgtaaac tgagtcaagg tgggggtggag gtggagtgag tacctggct 10020
 10303 tggAACCGTG atagagacag gatgagtggg gttgccaaga tagggcagtg ggtggaaaa 10080
 10304 acatgaggccc gggtgcagt ggtcacaccc ttaatcccg tactttggg gcccggcgc 10140
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 10306 tttaccaaaa ataccaaaaat taccaaaaat tagctgggtg tggggggggg cacctgtatt 10260
 10307 cccagctact caggaggctg aggccaggaga attgcttgc cctggggaggc ggagggttgc 10320
 10308 gtgagccaaag ccaagatcgc accactgcac tctggcctgg gtgaaagagt gagacgtgag 10380
 10309 actccgtctc aaaaaaaaaaa aaaaggaaag aaagaaagaa aaaggaacag gggcaggggg 10440
 10310 ggcacctcag ggccaggggg ccatggatt agccaccagt tggggccgg acataggtaa 10500
 10311 gaaggggcccc agggaaatggg gacatggcc tgcgtggaa ccaaggatga gaacaggacc 10560
 10312 cagggaagac ctgggtccgc cgctggttat cccacaccc tcccccaccc tcagggaaat 10620
 10313 gaggagggtt tcctgggtgg cggagtgctg gaccggcgtct gcttcctggc catgtctcg 10680
 10314 ctcttcattct gtggcacagc tggcatctt ctcattggccc actacaaccg ggtgccggcc 10740
 10315 ctgccattcc ctggagatcc acgcccctac ctgcctcac cagactgagc caaccaacca 10800
 10316 ctgtggggca tgtgggagtc acacacgtgg gtcacactga gtcttatcag ccacgttctc 10860
 10317 ctactgagggt cctaagtgtt ctcttgggtt agtgccttc aggactgtgt gagccaaaca 10920
 10318 gcccctgagaa aagctggggaa aacagtctga gctggagttc gagagttt ggggggtggc 10980
 10319 cgtggctagt gtcctgtgc agtcagcaca cacgtggat tggctagtc atcctggcac 11040
 10320 cagccacccc tccactcagt gcactccct cacttaggca aagcattatt cattccatc 11100
 10321 agtctgaagc ccgaaggact gtttgtata ataccttcgg acttggact ggctccctt 11160

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/647,377

DATE: 04/04/2001
TIME: 11:37:34

Input Set : N:\paola\PTO.txt
Output Set: N:\CRF3\04042001\I647377.raw

10322 ttacaaggttc tccctgaaag agggcagtca caagagggtgt gaagagtagc agccgatgct 11220
10323 ctctccaaag cagggcagca gcccatacca gctggcatct cccccccgtg ctttctgggt 11280
10324 acaaataagca cccaaatttc aacagccccca gtggccttgc cattcatgtg cattttctg 11340
10325 ccactgacca caagacgatt tcctgagttt tgtaatcctc tttttttttt tttttttttt 11400
10326 agttttgtat gtgttgtgt tgtttgaaa agtttgaga tagagctca ctcttgcat 11460
10327 gcaagttgga gtggagtggc atgatcatgg ctcactgcag cctcaacctc cagggctcaa 11520
10328 gcaatgctcc tgcctcagcc tcccaagtag ctggcaccac aggcatgcac cactacaccc 11580
10329 agctactttt aaatttttag tagagatgag gttttgtat gttgcctagg ttggtcttga 11640
10330 actcctgagc tcaagtgatc ctcccacttg agtctggta ttacaggcat aagccactgt 11700
10331 acctggcctc ctttttaatt aagagctcct cacagcagta tggataagca agagtcat 11760
10332 ttccccatgt tatataaggca aattgagcct agagtaagcg ggactccaca caacagtgg 11820
10333 ggtaaaacaa ggttgaagt ccagaattc 11849

E--> 10336 1
E--> 10338 2

→ Delete extraneous numerals at the end of the file. They are causing an invalid base count error for seq. # 21.

VERIFICATION SUMMARY
PATENT APPLICATION: US/09/647,377

DATE: 04/04/2001
TIME: 11:37:35

Input Set : N:\paola\PTO.txt
Output Set: N:\CRF3\04042001\I647377.raw

L:9 M:270 C: Current Application Number differs, Replaced Current Application Number
L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:371 M:252 E: No. of Seq. differs, <211>LENGTH:Input:260 Found:0 SEQ:4
L:10336 M:254 E: No. of Bases conflict, LENGTH:Input:1 Counted:11849 SEQ:21
M:254 Repeated in SeqNo=21